FORM PTO – 1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: STK-010C3 APPLICANT: Oppermann *et al.* SERIAL NO.: 10/671,317 FILING DATE: September 25, 2003 GROUP: Not yet assigned

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
EOK	A1	6,551,995	04/03	Oppermann et al.			
	A2	6,504,079	01/03	Tucker et al.			
	A3	6,468,308	10/02	Kuberasampath et al.			
	A4	6,461,630	10/02	Tucker et al.			
	A5	6,426,332	07/02	Rueger et al.			
	A6	6,333,312	12/01	Kuberasampath et al.			
	A7	6,297,213	10/01	Oppermann et al.			
	A8	6,281,195	08/01	Rueger et al.			
	A9	6,211,146	04/01	Kuberasampath et al.			
	A10	6,153,583	11/00	Oppermann et al.			
	A11	6,110,482	04/30/91	Khouri et al.			
	A12	6,077,988	06/20/00	Kuberasampath et al.			
	A13	6,013,856	01/11/00	Tucker et al.			
	A14	5,958,441	09/28/99	Oppermann et al.			
	A15	5,863,758	01/99	Oppermann et al.			
	A16	5,814,604	09/98	Oppermann et al.			
	A17	5,750,651	05/98	Oppermann et al.			
	A18	5,674,292	10/07/97	Tucker et al.			
	A19	5,652,337	07/97	Oppermann et al.			
	A20	5,496,552	03/05/96	Kuberasampath et al.			
	A21	5,354,557	10/11/94	Oppermann et al.			
✓	A22	5,344,654	09/06/94	Rueger et al.			

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EEK	A23	5,324,819	06/94	Oppermann et al.			
	A24	5,266,683	11/93	Oppermann et al.			
	A25	5,258,494	11/93	Oppermann et al.			
	A26	5,011,691	04/30/91	Oppermann et al.			
	A27	5,108,753	04/28/92	Kuberasampath et al.			
	A28	5,162,114	11/10/92	Kuberasampath et al.			
	A29	5,171,574	12/15/92	Kuberasampath et al.			
	A30	5,187,076	2/93	Wozney et al.	435	69.1	
	A31	5,166,058	11/92	Wang et al.	435	69.1	
	A32	5,154,931	10/92	Kruger et al.	424	549	
	A33	5,141,905	8/92	Rosen et al.	435	69.1	
	A34	5,116,738	5/92	Wang et al.	435	69.1	
	A35	5,108,922	4/92	Wang et al.	435	240	
	A36	5,106,748	4/92	Wozney et al.	435	252.3	
	A37	5,106,626	4/92	Parsons et al.	424	423	
	A38	5,013,649	5/91	Wang et al.	435	69.1	
	A39	4,877,864	10/89	Wang et al.	530	324	
	A40	4,843,063	6/89	Seyedin et al.	514	2	
	A41	4,810,691	3/89	Seyedin et al.	514	2	
	A42	4,804,744	2/89	Sen	530	350	
	A43	4,774,322	9/88	Seyedin et al.	530	353	
	A44	4,563,489	10/86	Urist	524	21	
✓	A45	4,563,350	1/86	Nathan et al.	424	95	

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
EM	A46	4,455,256	6/84	Urist	530	350	
	A47	4,434,094	2/84	Seyedin et al.	530	416	
	A48	4,394,370	7/83	Jefferies	424	15	
	A49	4,294,753	10/81	Urist	530	395	
	A50	4,120,730	10/17/98	Trojer et al.			
	A51	2001/0016646	08/01	Rueger et al.			
	A52	2002/015985	10/02	Kuberasampath et al.			
	A53	2003/0032586	02/03	Rueger et al.			
	A54	2003/0064090	04/03	Khouri et al.			
↓	A55	2003/0069401	04/03	Oppermann et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
EM	B1	9300049	1/93	PCT					
	B2	9102744	3/91	PCT					
	B3	9011366	10/90	PCT					
	B4	9003733	4/90	PCT					
	B5	8910409	11/89	PCT					
	B6	8909605	10/89	PCT					
	B7	8800205	1/88	PCT					
	B8	8600526	1/86	PCT					
	B9	8505274	12/85	PCT					
↓	B10	0212474	4/87	EPO					

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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
EM	B11	0182483	5/86	EPO					
	B12	0169016	1/86	EPO					
	B13	0148155	2/85	EPO					
	B14	0128041	12/84	EPO					

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
EM	C1	Canalis et al. (1980) Science 210: 1021-1023 "Stimulation of DNA and Collagen Synthesis by Autologous Growth Factor in Cultured Fetal Rat Calvaria."
	C2	Glowacki et al. (1981) Lancet 1:959-963 "Application of the Biological Principle of Induced Osteogenesis for Craniofacial Defects."
	C3	Reddi (1981) Collage Rel. Res. 1:209-226 "Cell Biology and Biochemistry of Endochondral Bone Development."
	C4	Sampath et al. (1981) Proc. Natl. Acad. Sci. USA 78:7599-7603 "Dissociative Extraction and Reconstitution of Extracellular Matrix Components Involved in Local Bone Differentiation."
	C5	Farley et al. (1982) Biochem. 21:3508-3513 "Human Skeletal Growth Factor: Characterization of Mitogenic Effect on Bone Cells In Vitro."
	C6	Maugh (1982) Science 217:819 "Human Skeletal Growth Factor Isolated."
	C7	Sampath et al. (1983) Proc. Natl. Acad. Sci. USA 80:6591-6595 "Homology of Bone-Inductive Proteins from Human, Monkey, Bovine, and Extracellular Matrix."
	C8	Seyedin et al. (1983) J. Cell Biol. 97:1950-1953 "In Vitro Induction of Cartilage-Specific Macromolecules by a Bone Extract."
	C9	Urist et al. (1983) Proc. Soc. Exp. Bio. Med. 173:194-199 "Human Bone Morphogenic Protein (hBMP)."
	C10	Simpson (1984) Trends Biochem. Sci. 9:527-530 "Growth Factors Which Affect Bone."
	C11	Urist et al. (1984) Clin. Orth. Rel. Res. 187:277-280 "β-tricalcium Phosphate Delivery System for Bone Morphogenetic Protein."

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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
EMR	C12	Urist et al. (1984) Proc. Natl. Acad. Sci. USA 81:371-375 "Purification of Bovine Bone Morphogenetic Protein by Hydroxyapatite Chromatography."
	C13	Centrella (1985) Proc. Natl. Acad. Sci. USA 82:7335-7339 "Transforming and Nontransforming Growth Factors are Present in Medium Conditioned by Fetal Rat Calvariae."
	C14	Klausner (1985) Biotechnology 3:567-568 "Collagen Corp. Isolates Cartilage Inducers."
	C15	Olson et al. (1985) Analyt. Biochem. 146:232-257 "Deglycosylation of Chondroitin Sulfate Proteoglycan by Hydrogen Fluoride in Pyridine."
	C16	Reddi (1985) J. Biomed. Materials Res. 19:233-239 "Implant-Stimulated Interface Reactions During Collagens Bone Matrix-Induced Bone Formation."
	C17	Sampath & Reddi (1985) Extracellular Matrix: Structure and Function (A.H. Reddi. Ed., Allen R. Liss, Publ., NY pp. 412-428) "Role of Extracellular Matrix Components in Cartilage and Bone Induction."
	C18	Seyedin et al. (1985) Proc. Natl. Acad. Sci. USA 82:2267-2271 "Purification and Characterization of Two Cartilage-Inducing Factors from Bovine Demineralized Bone."
	C19	Urist et al. (1987) Methods in Enzymology 146:294-312 "Preparation and Bioassay of Bone Morphogenetic Protein and Polypeptide Fragments."
	C20	Padgett et al. (1987) Nature 325:81-84 "A Transcript From A Drosophila Pattern Gene Predicts A Protein Homologous To The Transforming Growth Factor-β Family."
	C21	Sampath et al. (1987) Proc. Natl. Acad. Sci. USA 84:7109-7113 "Isolation of Osteogenin, An Extracellular Matrix-Associated, Bone-Inductive Protein, By Heparin Affinity Chromatography."
	C22	Weeks et al. (1987) Cell 51:861-867 "A Maternal mRNA Localized to the Vegetal Hemisphere in Xenopus Eggs Codes For A Growth Factor Related to TGF-β."
	C23	LeGendre et al. (1988) Biotechniques 6:154-159 "Direct Protein Microsequencing From Immobilon-P Transfer Membrane."
	C24	Wang et al. (1988) Calcified Tissue Int. (Suppl.) Ab No. 146, pp. A37 "Purification and Characterization of Cartilage and Bone Inducing Factors."
✓	C25	Wang et al. (1988) Proc. Natl. Acad. Sci. USA 85:9484-9488 "Purification and Characterization of other Distinct Bone-Inducing Factors."

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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
EK	C26	Wozney et al. (1988) Calcified Tissue Int. (Suppl.) Ab No. 147 A37 "Identification Through Molecular Cloning of Factors Involved In Vivo Cartilage Formation."
	C27	Wozney et al. (1988) Science 242:1528-1534 "Novel Regulators of Bone Formation: Molecular Clones & Activities."
	C28	Lyons et al. (1989) Proc. Natl. Acad. Sci. USA 86:4554-4558 "Vgr-1, A Mammalian Gene Related To Zenopus Vg-1, Is a Member of the Transforming Growth Factor β Gene Superfamily."
	C29	Wang et al. (1990) Proc. Natl. Acad. Sci. USA 87:2220-2224 "Recombinant Human Bone Morphogenetic Protein Induces Bone Formation."
	C30	Rueger et al. (1984) Calcified Tissue International 36: suppl. 2 pg. S69.
	C31	Urist et al. (1983) Science, 220: 680-686.
	C32	Ozkaynak (1990) EMBO J., 9: 2085-2093.
	C33	Sampath (1990) J. Biol. Chem. 265: 13198-13205.
✓	C34	Celeste (1990) Proc. Natl. Acad. Sci. USA 87:9843-9847.

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